FILT TO TONIS			
in NID File	***************************************	Checked by Chief	**********************
S R Sheet		Copy NID to Field Office	ie
Lor ion Map Pinned		Approval Letter	*****************
Card Indexed		Disapproval Letter	
1 W R for State or Fee Land	***************************************		
COMPLETION DATA			
Date Well Completed	8-27-36	Location Inspected	********************
OW WW	TA	Bond released	
GW L OS	-PA	State of Fee Land	4
	LOGS FI	LED	
Driller's Log L			
Electric Logs (No.	)		
£	B-I (	GR. GR.N.	. Micro
		Others	

Form	9-330

	I	5	-	

U. S. LAND OFFICE	
SERIAL NUMBER	
LEASE OR PERMIT TO PROSPECT	

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Comp	anyH	aunt	ain Pu	el Sup	ply Co.	Addres	ss <u>Rock Sp</u> i	ciags,	<i>N</i> yomi	ng
Lessor	or Trac	t	State	Land		Field .	Clay Basin	Stat	e <u>Uta</u>	h
Well 1	No1		Sec. 15	T.311	R.24 E <sub>M</sub>	eridian	Co	unty	)agget	t
							ine of Sec			
$\mathbf{T}$	he infor	natio	n given he	erewith is	a complet	e and correc	t record of the w			
so far	as can b	e det	ermined fr	om all av	ailable rec	ords.	1 U. M. 116			
Doto	Jan	ia ru	16, 1	945		Signed			resid	ent
		_				n of the well	at above date.			0110
							ed drilling	Nov. 27	7 .	10 36
0011111	·	3					-		***********	, 19
				- Oil		S SANDS C enote gas by G)				
No. 1,	from L	3) 5	739	_ to5	779	No. 4	, from	1	to	
No. 2,	from			_ to		No. 5	, from	1	to	***
No. 3,	from			to		No. 6	, from		to	~~~
						NT WATER				
No. 1,	from			to		No. 3	, from	t	ю	
No. 2,	from			_ to		No. 4	, from	t	io	
					CASI	NG RECOF	RD			
Size casing	Weight per foot	T	hreads per inch	Make	Amount	; Kind of shoe	Cut and pulled from	Perfor		Purpose
123.	1, 5Q82	04 07:1	10,000	to kur to coer	101. 1/ str 28.3	Common	erini vasdi pamitiani.	From—	То-	2 At 10000 . 2.
3-5√8°	760 J. Or. 1	017 1U 1	TO: and to	Fire Fire and	5775	Jaker".	त्र तर्वे क्षेत्र प्रशासन्तर्भः । असम्बद्धाः स्टब्स्ट स्थलाम्बद्धः इत्यापन्तरम् स्टब्स्ट स्थलाम्बद्धः	i chica etto	LUSTION'	and number.
<u> </u>	of the gre	a est i		i				म रहेड कुर्र	og fodging	ull (930gra
	************			TVT E.S.	NO AUG.	Om: -0# -0	₩37-12\ <del>22¥*1*******</del>	Si et environ	ena vermina e con	r c - 62.12
				MUDD	ING AND	CEMENTI	NG RECORD			
Size casing	Where	set	Number	sacks of cen	nent	Method used	Mud gravity	Δn	nount of m	ud used
$12\frac{1}{2}$	29	9 ,		125		Perkins				
- <u>5/8</u>	574	11		400		Perkins				
***						AND ADAP				
Hanzir	שסנוות פו	-Mat	erial		I	ength		Depth set		

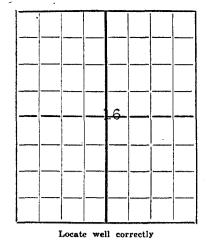
COMPUETION



AdaptersI	Material						
		SHO	OOTING R	ECORD		•	
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out	
			TOOLS US		,		
Rotary tools	s were used fro	omO fee	t to615	L feet,	and from	feet to	feet
Cable tools	were used from	ı fee	t to	feet,	and from	feet to	feet
			DATES				
<b></b>		, 19	Pu	t to prod	lucing	August 4, , 19	3'
The pro	oduction for th	e first 24 hours was	b	arrels of	fluid of which	% was oil;	%
		and % sedimen	,				
If gas w	vell, cu. ft. per	24 hours 16.37	5 M Galle	ons gasol	• •	. ft. of gas	
		r sq. in					
	1		EMPLOYE	ES			
<u>T'ed</u>	<u> Munsinger</u>	Driller	•			, Dr	iller
Ste	anley Jack	son , Driller		~~		, Dr	iller
		FOR	MATION R				
FROM-	то-	TOTAL FEE	T		FORMATI	ON	
				•			
		STATE AMENAGE	TAD TOO		•		
		SEE ATTACH	LOG LOG				
			.				
25. T.					the second second		
			*				
+ 1			•			The state of the s	
Section 20							
•				e grande de la companya de la compa			
				:			
						•	
		•					
	11						







# THE STATE OF UTAH STATE LAND OFFICE SALT LAKE CITY

# OIL LEASE REPORT

Log of Oil or Gas Well

Company1	Mountai	n Fuel	Supply (	Compa	ny	Addres	s. Rock	Speing	s, Wyom	ing
Lessor or Tr	ractUt.a	h State	Land	•••••		Field	.ClayBas	in	StateU.t.	ah
Well No	l	Sec1	6 т. 3	N.•	R24	E. Meridia	an	••••••	County Da	ggett
The info termined fro  Date The sum	ormation given all avail  Decem	ven herewith able records ber 29t his page is	is a complet .	e and c	the we	ell at above da	rell and all wo	C. R. Vice	ereon so far Hetzler	as can be de-
					-	os or zones	<b>G</b>			, 10
No. 1, from	n573	9	to57	779(	Gas)	No. 4, fro	om		to	•••••
No. 2, fron	n		to			No. 5, fro	om		to	
				IMPOR	TANT	No. 6, fro WATER SAN	DS			
						No. 4, fro				
Size	Weight per foot	Threads per	Make	An	nount	Kind of Shoe	Cut and pulled from	Per	rforated	Purpose
						*		From	То	
2-1/2"	50#	10	DBX	_   29	8'11	" Com				Conductor
6-5/8"	26#	10	API	574	0 <b>'</b> 6	" Baker				Productio
2-1/2"	6.5#	10	API	573	6 <b>'</b> 0	" Botton	Hole Ch	oke		
						EMENTING R	1			
12-1/2"	Where 2981		No. sacks of c	ement		Method used	Mud grav	ity	Amount of	mud used
6-5/8"	5740		400		•••••	rkins rkins				
	Century Print	ing Co								

COMPLETION

# REPORT OF ANALYSIS

State Utah	F.S. No 8798	
County Daggett		
Well Owner Mountain Fuel Supply Compar		٠,
Location: Sec. 16 T. 3N R.	24E Date Completed Unknown Nov 1936	
Open Flow MCF/D 16,37	Welthead Pressure p.s.i.g. 518	
Producing Stratums		
Depth to (teet): 5,740	Thickness (feet): 5,740 - 5,871	
Stratigraphic Position of Producing For	rmation Dakota	
Sampled: Date: 11-28-62	By: J. J. Sanna	
Mass Spectrometer Run No. 9085	Date of Run 1-3-63	
Analysis:		
Methane 92.4 % Normal	Pentane 0.1 % Oxygen Trace	_%
Ethane 3.9 % Isopent	ane 0.1 % Argon 0.0	ヹ
Propane 1.3 % Cyclope	enrane Trace 7 Helium 0.023	<u> </u>
Normal Butane 0.4 % Hexanes	Plus 0.1 7 Hydrogen Trace	%
Isobutane 0.2 % Nitroge	n 1.1 % H <sub>2</sub> S 0.0	7.
	co <sub>2</sub> 0.3	_ %
Calculated gross B. t. u./cu. ft., dry		
CHECK OF DATA: The well data are accurate ( ) Without correction		a palacement .
PERMISSION FOR PUBLICATION: Permission is hereby granted for the together with similar data released by contanalyses of gases from various fields	e Bureau of Mines to publish the above data, other operators, as part of a series of papers s, states, or regions.	a and a Alleman N
	Company	
Form 10433 Rev. 7-13-49	Ву	
	Title	

# CASING RECORD

State Land Sec. 16-3-24 Well #1 Cla y Basin Field, Utah

# 12-1/2" - 50# - 10-Thread DBX Casing:

14 Jt., 282'6" gross, 280' 4" net, landed on 12½" x 1-1/4" x 14" x 52" casing clamps at 208'11" - 18'7" below the top of the rotary table. Cemented with 125 sacks of Monolith cement, last 50 sacks treated. Cemented by Perkins Oil Well Cementing Company on June 30, 1936. A common casing shoe was used and spot welded to joint. First three joints spot welded above and below collars.

# 6-5/8"-26# - 10-Thread APi Scamless Casing:

204 Jts., 5774 9" gross, 5723 9" net, landed on casing clamps at 5740 6" - 16 9" below the top of the rotary table. Cemented with 400 sacks of Monolith cement, last 50 sacks treated. Cemented by Perkins Oil well Cementing Company on November 6, 1936. Paker float sloe used and spot welded. Baker Float Collar used on top of second joint, 45 7" from bottom, and spot welded above and below kollar. First three joints spot welded above and below collars.

# 2-1/2" - 6.50# - 10 Thread Upset End Tubing:

181 Jts. 5743' 1" gross 5712 '11" net - 2'" Tubing

1 " 23' 1" " 23' 1" " 3" Bottom hole choke

182 Jts. 5766' 2" " 5736' 0" ".

Landed on Hetzler Ball Baring Tubing Head - 4' below the top of the rotary table. Landed on November 27, 1936.

# ACCOUNTING FOR FIPE

State Land Well #1 Sec. 16-3-24 Clay Basin Field Daggett County, Utah

Date	Tfr.	To or From	<u>Debits</u>	Credits	<u>Balance</u>
20" - 90	# Casing				
6/ <b>30/36</b> 7/30/36	35957 53446	M. F. Machine Shop State Land Farm	21' 3"	17 ' 0"	4'3"
12 <sup>1</sup> " - 5	O# - DBX	Casing:			
~~ <b>7/</b> 30/36	53446	R. S. Warchouse State Land Farm State Land Farm	3051 1 <b>"</b>	6' 1" 16' 6"	282'6"
6-5/8" -	26# <b>-</b> A	PT Casing:			
7/31/36 8/6/36 8/6/36 10/23/36 12/17/36 12/17/36 12/19/36 12/19/36 12/19/36	50635 50662 Nat'1.5 53708 53710 53715 53716 53717	R.D.Murphy W#2 Farm R. S. Warehouse R. S. Warehouse R. S. War house upply CoRemit. 9417 Adam Cooper W#1 M.F.Machine Shop R. S. Warehouse M. F. Machine Shop State Land - Sec. 16-3-24 Farm 10-Thread U.F. Tubing		60' 7" 21' 9" 130' 4" 26' 9"	57741 9"
12/12/36 12/29/36	53749	R. S. Warehouse State Land - Sec. 16-3-24 Farm ttom Hole Choke):	6163'10"	420' 9 <b>"</b>	5743' 1"
		J. H. Brooks Farm	22! 6 <b>"</b>		221 6"
2" - U.F	. Tubing	(Bottom Hole Choke):			
12/19/36	53714	J. H. Brooks Farm	23 <b>'</b> 0"		23' 0"

## MEASUREMENTS

State Land Vell No. 1 Sec. 16-3-24 Clay Basin Field Daggett County, Utah

From ground to top of derrick floor 7'8".

Ground level to top of Rotary Table 9'2".

Bottom of cellar to top of Rotary Table 20' 5".

Bottom of cellar to ground level 11' 3".

Bottom of cellar to top of derrick floor 18'11".

Top of Rotary Table 1' 6" above derrick floor.

# PLUGS AND ADAPTERS

			SH	OOTING RECO	RD		
Size	Shell used	Exp	olosives used	Quantity	Date	Depth shot	Depth cleaned ou
				TOOLS USED			
							0
ole tools	were used from.		feet to	DATES	nd from	feet to	0
	***************************************		19	-	ut to producing	<b>y</b>	, 19
							per cent emuls
	r cent water; and				•		***************************************
If gas	well, cu. ft. per 2	4 hours 16	375,000	Gal	lons gasoline p	per 1,000 cu. ft. of	gas
Rock p	ressure, lbs. per s	a. in. 2	,200#	•••••			
		•					
m a				EMPLOYEES			•
	d Munsinge	r		r			l, Dr
	d Munsinge y Carpente	r	, Drille	r	C • N		l, Dr
		r	, Drille	r	C • N		
		r	, Drille	r	C • N	. Williams	
	y <sup>C</sup> arpente	r	FOF	r	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A	. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. A DRD	I. Williams	, Dr
	y <sup>C</sup> arpente	r	FOF	r RMATION RECO	C. Mounta	in Fuel Sup	ormation
Ro	y <sup>C</sup> arpente	r	To Drille	r RMATION RECO	C. Mounta	I. Williams	ormation  oply Company lice Pres. Lessee.

9

1	Clay	Basin	<b>.</b>	Utah		Co	ounty	Dag	, C	Sm:
field		17 7	Sunnia Co		St	tate	Land	1		_Well No
ompau	Modification		1120	fm S.	Line	& 1	5201	fm W	. Line	
Г			16 3'	75 M.C	u. It R.P.	2	200		₩	Oil _
-			I. P. Gas  Drilling Commenced	June	25,	1936	Со	mpleted		Nove
	16		Diffilling Common and a						otal Depth _	
ļ			Remarks:							

Elev. 64941 mber 27, 1936 6151'

T. 3N

1

\_R. 24E

5740' - 5779' - Dakota Casing Record:  $12\frac{1}{2}$ " - 50# casing cemented at 298! 11" with 125 sacks; 6-5/8" - 26# casing cemented at 5740' 6" with 400 sacks cement. Well tubed with  $2\frac{1}{2}$ " - 6.5# U. E. Tubing.

S STATE OF THE STA			FORMATION RECORD
FORMATION RECORD			From To
From	To		
Sand (surface)	0	30	Sandy shale, shells 5414 5431 Sand, shale breaks 45431 425473
Chovel	30	55	Sand, share breaks
Sand. etc.	55		Sand, hard, show 5473 z 5496
Blue shale & shells	95	110	$z_{\pi}^{\prime}$ 5496 5544
Sandy Share	110	206	Black shele 5552
Shale & shells	132 206		Shala 5552 5568
Shale	240	332	Black shale 5568 5590
Shale & shells	332	353	Shale & shells 743 5590 5605
Dark sandy shale Shale & shells	353	374	Hard, black shale 5605 5615
Shale & Shells	374	467	
Shale, sand streaks	467	1	Black shale 5627 5709
Sandy shale	530	740	Black shale and
Shale, gray, sandy	740	1144	Dell coll to
Shale and shells	1144	1184	DIACK SHALE
Shale	1184	1199	Dana Danoii
Bentonite	1199	1210	Shows gas
Shale & shells	1210	1431	Share and brothe
Shale	1431	T99A	DIRCK SHATE
Sandy shale & shells	1559	1787 2108	Black shale 5798 5812
Sandy shale	1787 2108	2201	Bentonite 5812 581
Gray sandy shale	2201	2407	Shale, gray to blue 5814 582.
Sandy shale	2407	2428	Blue-gray shale 5821 583
Sand shale & shells	2428	2508	Shale with streaks
Sandy shale Shale & shells	2508	2724	of bentonite 5835 584
Shale & Shells	2724	2817	Hard gray shale 5844 584
Hard, gray shale	2817	2966	Sandy shale 5847 585
Sandy shale	2966	3060	Diue to gray bimes
Gray shale	3060	3561	Gray sand, streaks of shale & bentonite 5879 588
Hard shale,	\ \	=	5118.16 & DOITO 1.200
sand streaks	3561	3600	naru siterra
Gray shale	3600	3703	GOA 502
Shale	3703 3782	3782 3925	Uray Sandy Sinary
Gray shale	3925	3996	11a1 d g1
Gray shale & shells	3925 ·	4073	Green, sandy shale
Gray shale	4073	4141	MORRISON 5933 593
Gray shale & shells	4141		Red shale 5935 594
Gray shale & shells	4670	4705	Variegated shale 5940 595
Gray shale & shells	4705	4756	Red shale 5957 596
Gray shale & shells	4756	4869	Variegated shale 5946 600
Black shale & shells	4869	4903	
Gray, sandy shale	4903	4922	and Shores
Gray shale & shells	4922		) Isanu (no gas)
Hard, blue shale	4993	5022	ned share, groom our ourse
Blue shale & shells	5022	5116	Red Share
Gray shale & shells	5116	5137	Onaro
Blue shale & shells	5137	5159 518]	INDIA: I TURNOU DACK I TOM OFFE
Gray shale	5159	OTO	then to 5870. Well made 10.281,600
Dark gray shale, shells,	5181	5202	ft. gas per day and 49 gals. distil
streaks Bentonite	5202	5250	THE HOLL GILLOWAL GLAZA PAPE COLUMN
Blue shale & shells	5250		
Dark gray shale	5395	5417	
Black shale Dark sandy shale,	0000		of casing head - making 16,375,000 ft. per day and at rate of 57.6 bbl
streaks of sand		_	late + 1770 to non dev through 9008F800
FRONTIER	5412	z'541	Shut in pressure 2200#.
			-IIII III PI OSOM O SECONO
r			1

<u>Address</u> Lab. Sample No	Rock Sr . 3053	rings, Y heeler	Date Analy	yzed Fract	42 He. An . Dist. by . N <sub>2</sub> & He.	Total	.Wheeler
<u>Address</u> Lab. Sample No Orsat Anal. by	Rock Sr 3053	rings, Y heeler	Date Anal	yzed Fract	42 He. An . Dist. by	nal. by H. P.	Wheeler
<u>Address</u> Lab. Sample No	Rock Sr . 3053	rings, Y heeler	Date Anal	yzed Fract	42 He. An	al. by .H. P.	.Wheeler
ddress	Rock Sr	pringsV	yoming Date Analy	vzed1/5/	Не. An	nal. by H. P.	
ddress	Rock Sr	prings, V	yoming			•••••	
ell Owned by			· · · · · · · · · · · · · · · · · · ·		***************************************	· · · · · · · · · · · · · · · · · · ·	
ampie taken c	Mountai	in Fuel S	upply Com	. Address .V. Snanv		ramie, Wyomin	g
ate of Sample	ing	37.41 mor & P	Sample (	Cylinder No.	500	Pressure in Cy	linder215
ate Well Comp	leted NON	1936	Daily ca	apacity of W	re11161M.	Of Fie	ld
epth of Well	to Sand	5739	Sand Thi	ckness4	O Rook F	plinead 1710	, I.P. 2200#
						akota	
veri State	No. 1	<b>4</b>		Sec SE	SW 16	т 🗪	в 21. Т
•							
State Utah			FIELD &	LABORATORY 1	REPORT	County Dagg	ett

Remarks: Sampled at meter house. Gas gone thru separator for distillate removal. Well producing.

R. G. Myers

Rock Springs, Wyoming

To:

S. J. Fisher

January 23, 1963

Gas Analysis Report State Land No. 1, Clay Basin Field

Attached for your information and files is a copy of a gas analysis report on a sample of gas obtained from the above-captioned well.

RGM/ag

Attachment

cc: S. J. Fisher (3)

G. D. Baston P. E. Files

RESULT OF PRODUCTION TEST OF STATE LAND SEC. 16-3-24 WELL NO. 1, CLAY BASIN FIELD, NOVEMBER 23, 1936

Tester was opened at 8:04 A. M. Well started to Flow at 8:06 A. M.

	GAS Open Flow (Cu. Ft.)	WATI (Gallo		OIL (Gallons)
November 23, 1936		,		
9:00 to 10:00 A. M. 9:05A. M. 6#	7,616,640	98		6
10:10 to 11:10 A. M. 10:15 A. M. 71#	8,477,760	47		20
ll:20 to 12:20 P. M. ll:25 A. M. 8#	8,678,400	28		30
12:30 to 1:30 P. M. 12:35 P. M. 9#	9,114,240	23		30
1:40 to 2:40 P. M. 1:45 P. M. 94#	9,217,920	24		33
2:55 to 3:55 P. M. 3:00 P. M. 9½#	9,321,600	15		34
4:06 to 5:06 4:10 P. M. 9-3/4# 5:15 P. M. 10# Turned into 40 Bbl. tar 5:15 P. M. From 5:1	9,425,280 9,528,960 nk at	15	<i>:</i>	40
8:00 A. M. well made 8:00 A.M. November 24,	15 Bbls. 0il 1936			
7:57 to 8:57	9,951,360	15		45
9:15 A. M. 11# 9:10 to 10:10	9,951,360	8		42
10:25 A. M. 11\frac{1}{4}\frac{1}{4}\frac{1}{2}\text{10:20 to 11:20} \\ 11:40 A. M. 11\frac{1}{2}\f	10,033,920	17		43
11:35 to 12:35 12:50 P. M. 11-3/4#	10,116,480	6		44
12:47 to 1:47 2:05	10,281,600	18		47
2:02 to 3:02 3:20 12#	10,281,600	6		44
3:15 to 4:15 4:30 12#	10,281,600	6		40
4:30 to 8:00 A. M. 8:05 A. M. 12#		Separator	Froze up	
8:05 to 9:05 9:20 12#	10,281,600	6		48
9:19 to 10:19 10:30 12#	10,281,600	6		49



CASING RECORD FOR State Land #1 - Clay Basin, Utah

MEASUREMENTS	en e			
Surface Elev. 6492 Derr				
It. Rotary above floor			floor 2 #4	· A :_ ·
Elev. Top Kelly Bushings				
Rig floor to production floor				
Production floor to bottom of cellar				
Production floor to top of casing head				•
Number of joints of casing used	14			1n.
Casing landed at	298	£+ 7	7	•
Depth of hole				
pen hole below casing point	. 2	f+	1	ln.
Elevation of casing shoe	6221	f+ *	8	1n.
				1n.
CASING SPECIFICATIONS AND CASING	G EQUIPMENT			.i.
Make of casing DBX type LE				
D. D. of casing 13 in. I. D. of cas	ing 12.430 in	. Threads	per in $\pm 0$	
ength of threads 3	in. O. D. of coupli	ngs <u>14</u>	• 110	in.
Height of couplings 8 1/8	in. Kind of casing	head	7 /4	***************************************
leight of clamp 14	in. Thickness of	clamp	<u>/4</u>	in.
ength of clamp 52	in. No. of bolts		NO.	************
ype casing shoe Plain				
Jumber joints spot welded	Welded electric or	acetylene.	ACE OVIED	e
Tumber of faulty joints	. T - note s	no c unr	ougn, out	welded u
ASING TOOLS	T 2 7	:	1	· · · ·
lake tongs Dunn Slips Slips	Tdear	[7] 4	#ilson	
ind of thread dope <u>Majestic To</u> EMENT AND CEMENTING EQUIPMEN	ool Joint <sup>C</sup> omp T			
EMENT AND CEMENTING EQUIPMENT  ementing contractor Per  Ian in charge Lloyd Markland	ool Joint Comp T Kins	ound		
EMENT AND CEMENTING EQUIPMENT  ementing contractor Per  Ian in charge Lloyd markland  ype equipment used Perkins	T  Kins  Assistant  Number o	ound f wagons	1	
EMENT AND CEMENTING EQUIPMENT ementing contractor Per Ian in charge Lloyd markland ype equipment used Perkins Frand cement used Monolith	T  Kins  Assistant  Number o	ound f wagons	1 125	
EMENT AND CEMENTING EQUIPMENT  ementing contractor Per  Ian in charge Lloyd Markland  ype equipment used Perkins  Frand cement used Monolith	ool Joint Comp Trikins Assistant Number o	ound f wagons sax	1 125	
EMENT AND CEMENTING EQUIPMENT  ementing contractor Per  Ian in charge Lloyd Markland  ype equipment used Perkins  brand cement used Monolith	ool Joint Comp Trkins Assistant Number o	f wagonssaxsax	1 125	
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EMENT AND CEMENTING EQUIPMENT  Ementing contractor Per  Ian in charge Lloyd Markland  Type equipment used Perkins  Frand cement used Monolith  Otal number sax 125  Ind of treatment used Perk  Ind of plugs used Perk  Ind of plugs used Perk  Ind of plugs used Perk  Ind of operations  IME OF OPERATIONS  The egan rigging up to run casing plugs down  IME or operations  In egan circulating casing plugs down  In egan circulating casing plugs down  In egan cementing plugs down  In egan cementing plugs down  In egan condition of the ement to set  In the conditions, condition of the ement to set  In the conditions, condition of the ement to set  In the conditions, condition of the ement to set the condition of the ement to set the conditions, condition of the ement to set the condition of the ement to set	Number sax trains  Halliburt  10:30 AM - 11:00 AM 3:00 PM 4:00 PM 4:00 PM 4:30 PM 4:50 PM	f wagons sax sax reated  On "eas  Tune 50  hrs.  72  iculties, reetc.) and Pund	1 125 50 suring Lin th, 1956 medies for sa	e min.  hrs. me, wea- s to 291

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Total No. of Pieces 14; Length 280 ft. 4 in. Total No. of Pieces ; Length ft. in. 280 '4" on clamps; 18 ft 7 iches below top of rotary table.

# MACOUNTAIN DRILLING COMPANY CASING RECORD FOR State Land #1 - Clay Basin, Utah

Sec. 3 Twp. 24 R	ange 24	Date NOV.	6, 1936		
MEASUREMENTS					
Surface Elev. 6492 XXXX	Derrick Floo	r Elev. 64	9918"		
Ht. Rotary above floorft.				2 ft.	4 in.
Elev. Top Kelly Bushings	6502	ft			in.
Rig floor to production floor	7	ft	8		in.
Production floor to bottom of ce	llar 11	ft	3		in
Production floor to top of casing					
Number of joints of casing used	204		,		
Casing landed at	5740	ft	6		in
Depth of hole 6151! cement	ed back to 59	36 ' ft			in
Open hole below casing point	196	ft			in
Elevation of casing shoe .	778	ft	: 3		in
CASING SPECIFICATIONS AN			• •••••••••••••••••••••••••••••••••••••		
			, ,	06	
Make of casing National	T D of soin 5	855 · m	t. per foot		lbs.
O. D. of casing 6.625 in.  Length of threads 3	i. D. or casing	n. Thr	eads per in	. <u>10</u>	~======================================
Height of couplings 7 5/8	n. O.	D. of couplings			in.
Height of couplings 7 5/8  Height of clamp 8	in. Kii	nd of casing head	1 3/	<b>7</b> 8	
Longth of clamp 42	in. Th	ickness of clamp			in.
Length of clamp 42	In. No	of bolts	Pakan		**********
Type casing shoe Bake					
Number of faults is inter-					
Number of faulty joints					******
CASING TOOLS		•			* *,
Make tongs R. J. Wilson	Slips M	lission Eleva	tors	Butler	· .
Kind of thread dope					
CEMENT AND CEMENTING E	OHPMENT		**		
	ACT MINITAL			• •	.*
Cementing contractor Pe	rkins				; 
Cementing contractor Pe	rkins kland	Assistant	A. L.	Baker	
Cementing contractor Pe	rkins kland	Assistant	A. L.	Baker	
Cementing contractor Pe  Man in charge Lloyd Man  Type equipment used  Brand cement used	rkins kland Per kins Monolith	AssistantNumber of wag	ons	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Man  Type equipment used  Brand cement used	rkins kland Per kins Monolith	AssistantNumber of wag	ons	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used	rkins kland Per kins Monolith	Assistantsax	A. I.	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used	rkins kland Per kins Monolith	Assistantsax	A. I.	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax	rkins kland Per kins Manalith 400 Nu	Assistant	A. L. ons	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used	rkins kland Per kins Monolith  400 Nu	Assistant	A. L. ons 50	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used	rkins kland Per kins Monolith  400 Nu Perkins Perkins	Assistant	A. L. ons 50	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of	rkins kland Per kins Monolith  400 Nu Perkins Perkins	Assistant	A. L. ons 50	Baker 1 400	
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the contract of the	rkins kland Per kins Monolith  400 Nú Perkins Perkins Perkins	Assistant	A. L. ons 50 to float	Baker 1 400 colla	r
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped	Assistant	A, L, ons 50 to float	Baker 1 400	r
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of	rkins kland Per kins Monolith  400 Nu Perkins Perkins down Pumped	Assistant	A. L. ons 50 to float	Baker 1 400 colla	r
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of the	rkins kland Per kins Monolith  400 Nu Perkins Perkins down Pumped  4:00 AM - N  8:00 AM	Assistant	A. L. ons 50 to float	Baker 1 400 colla	r
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs  TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Began circulating casing	rkins kland  Per kins  Monolith  400 Nu  Perkins Perkins down Pumped  4:00 AM - N  8:00 AM  8:00 AM	Assistant  Number of wag  sax  sax  sax  mber sax treated  plugs down  fovember 5th  5th  6th  6th	A, L, ons 50 to float	Baker 1 400 colla	r
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of	rkins kland Per kins Monolith  400 Nu Perkins Perkins down Pumped  4:00 AM - N 8:00 AM 8:00 AM	Assistant  Number of wag  sax  sax  sax  mber sax treated  plugs down  fovember 5th  5th  6th  6th  1/2	A. L. ons 50 to float	Baker 1 400 colla	r
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Circulated casing  Began cementing	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM	Assistant  Number of wag  sax  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  1/2	A, L, ons. 50 to float , 1936	Baker 1 400 colla	r min.
Cementing contractor Pe  Man in charge Lloyd Mar  Type equipment used  Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  8:00 AM	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  1/2  member 6th, 6th	A, L, ons 50 to float , 1936 hrs.	Baker 1 400	r min.
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of  TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Circulated casing  Began cementing  Began cementing  Finished cementing  Cement to set	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  0:25 AM	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  1/2  member 6th  6th  72	A, L, ons 50 to float , 1936	Baker 1 400 colla	r min.
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of  TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Circulated casing  Began cementing  Circulated casing  Circulated casing  Circulated casing  Circulated casing  Cement to set  PROCEDURE (Should include by ther conditions, condit	rkins kland  Per kins  Manalith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  0:25 AM  prief history of operondition of hole, more	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  1/2  member 6th  6th  7/2  rations, difficultion weight, etc.)	to float  1936  hrs. 1936  es, remedies	Baker 1 400 colla	r min. hrs. e, wea-
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of the company of the conditions, of the company of the company of the conditions, of the conditions, of the company of the conditions, of the conditions of the conditions, of the conditions, of the conditions, of the conditions, of the conditions of the conditions, of the conditions of the condi	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  0:25 AM  prief history of open  and worked	Assistant  Number of wag  sax  sax  sax  mber sax treated  plugs down  fovember 5th  5th  6th  6th  1/2  rember 6th, 6th  72  rations, difficulticated weight, etc.)  pipe 9'30"	A, L, ons 50 to float, 1936 hrs. 1936 es, remedies	Baker 1 400 colla for same	min. hrs. e, wea- ent to
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of  TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Circulated casing  Began cementing  Circulated casing  Finished cementing  Cement to set  PROCEDURE (Should include by their conditions, condit	rkins kland  Per kins  Manolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  0:25 AM  prief history of operondition of hole, more and worked alance of pires	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  6th  72  rations, difficultion weight, etc.)  pipe 9'30"  ree. Pumped	to float to float 1936 ars. 1936 as, remedies waiting frement in	Baker 1 400 colla for same	min. hrs. e, wea- ent to
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used Brand cement used  Kind of treatment used Kind of plugs used Method used in measuring plugs of the trunning casing Began rigging up to run casing Began running casing Finished running casing Circulated casing Began cementing Circulated casing Finished cementing Cement to set  PROCEDURE (Should include be ther conditions, condered to pull out one	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  0:25 AM  prief history of open condition of hole, must a nd worked calance of piper joint and purious and puri	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  5th  6th  6th  6th  72  rations, difficulticated weight, etc.)  pipe 9'30"  pipe 9'30"	to float  to float  1936  hrs. 1936  es, remedies waiting foement in joints.	Baker 1 400  colla for same for cem pipe, Then p	min.  hrs. e, wea- ent to then umped
Cementing contractor Pe Man in charge Lloyd Mar Type equipment used Brand cement used  Total number sax  Kind of treatment used  Kind of plugs used  Method used in measuring plugs of  TIME OF OPERATIONS  Began rigging up to run casing  Began running casing  Finished running casing  Circulated casing  Began cementing  Circulated casing  Finished cementing  Cement to set  PROCEDURE (Should include by their conditions, condit	rkins kland  Per kins  Monolith  400 Nu  Perkins  Perkins  down Pumped  4:00 AM - N  8:00 AM  8:00 AM  8:00 AM  8:00 AM  0:25 AM  prief history of open condition of hole, mu  a nd worked calance of pipe cat collar.	Assistant  Number of wag  sax  sax  mber sax treated  plugs down  fovember 5th  6th  6th  6th  72  rations, difficultion weight, etc.)  pipe 9'30"  ree. Pumped	to float  to float  1936  hrs. 1936  es, remedies waiting frement in joints.	Baker 1 400  colla for same pipe, Then p	min.  hrs. e, wea- ent to then umped

Elevation of Kelly Bushings	Ft.
Height of Rotary above floor	Ft.
Rig floor Elevation	Ft.
77	
Production Floor or Surface Elevation	Ft.
(B) Top of Collar or Casing to Production Floor	
Production Floor to bottom of Cellar	
(A) Pipe permanently cemented in hole	Ft.
LANDING POINT	ELEVATION OF CASING SHOE
(A) Actual Pipe Cemented	Surface Elevation
Plus:	(A) Actual Pipe
Top of Collar to Production	Dluce

(A) All three of these amounts must be the same, and must agree with your pipe tally. Therefore, your pipe tally can only include the total of the actual pipe cemented—NOT THE LANDING JOINT, although the landing joint may be shown as a matter of information but not included in the total of the pipe tallied.

(B) Casing to

Production floor

Equals Elevation Casing Shoe....

3258

5423

204

(B) All three of these items must be the same.

Total No. of Pieces 120; Length 3258ft. 10 in.

Floor (B)

Production to Rig Floor

Equals Landing Point
Elevation of Casing Shoe

Top of Kelly Bushings to Rig Floor

Elektrik	transport		0., 17.22	C	ASIN	G T	ALL	Y	And the state of the state of		T LAMP AT LAMP AND A STATE OF THE STATE OF T	was a de les		Committee of the commit	recorder .	m. max	C	ASIN	G T	ALL	<b>Y</b>	r .		97W	
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2	14	4	21	1	31	4	29	4	25	3	28	8	2	29	5	29	11	29	ıd	31	6	30	4		
3	14	3	21	1	30	4	29	9	29	2	27	11	3	28	5	29	9	29	4	29	4	10	7		
4	14	11	20	5	28	9	30	10	28	10	29	2	4	28	9	29	7	27	10	31	5	5	8		
5	14	7	23	2	28	11	29	7	28	9	39	-	5	30	1	29	9	30	11	30	1				
6	15	4	25	6	31	2	29	8	29	7	<b>2</b> 9	8	6	29	4	29	9	30	_	30	7				
7	14	8	23	1	31	5	28	7	27	9	29	8	7	29	10	29	10	30	10	29	7	,			
8	15	2	26	2	31	6	29	7	29	10	29	4	8	29	11	27	.8	30	2	31	_				
9	14	7	25	8	31	8	29	10	29	8	30	3	9	29	3	29	6	29	11	29	10				
10	14	6	25	9	29	4	26	9	30	1	29	6	10	29	8	29	9	30	1	30	3				
11	14	7	29	6	29	11	29	1	29	3	29	2	11	29	4	29	נו	29	9	31	5				
12	22	4	31	11	27	4	28	10	28	4	29	9	12	30	-	29	5	30	2	30	4				
13	25	4	29	9	28	3	28	7	29	8	29	6	13	29	8	29	-	29	_	28	10				
14	21	1	30	10	29	1	29	7	30	1	29	11	14	29	10	29	3	30	4	31	4				
15	22	10	30	8	30	3	28	9	29	6	30	1	15	29	8	29	8	30	1	31	4				
16	21	1	29	2	29	7	29	10	30	-	29	10	16	29	10	29	3	31	-	28	. 9				
17	21	3	29	6	29	8	29	3	28	1	29	6	17	29	4	29	8	30	4	31	4				
1,8	83	5	30	1	29	8	29	6	29	6	29	9	18	29	-	29	6	31	5	31	2				
19	21	1	30	6	28	3	28	11			29	9	19	30	-	29	6	29	4	31	4				
20	22	9	30	-	29	4	29	-	29		29	6	20	29	7	29	2	31	-	29	-				
. 1	378	4	534	11	595	10	585	-	580	. 11	583	10		586	9	588	10	601	10	୍ଦ୍ର ବ	7	77	11		

Jec 16- 3N-24 PRESENT STATUS OF WELL Clay Back, Unit 3 West WELL M. 1. Formerly STATE LAND 16-3-24 WELL M. 1 - 15-55 J.D.S. Schematica Clay Basin Field. not drawn tuting head g'z" Rosoution Flows 69 To Scale. 12211-50# -10+hd - DBX csq. cellar filler 14/ts-282'6" gross, 280'4"net Csg clamps @ 278'11"-or18'7" below R.T. Contest w/125 sx Monolith cont, last so se treated, by Corkers all Well and to con 6-30-36. Common cog shoe used topot welded to ft. 298'11" - 12's mad - 50# - 101hd DISKery First 3 Vis spot wolded above to below collars. 63/8"-26# - 101hd API Scambess Cig: 204 115 - 5774 9"91033, 5723 9" net, landed on esy clamps a 5740 6" or 16 9" 60 60 RT. Conted by Parking Oil Well Conte on 11-6-36; with Hoose Murolish, lasted 50 sx treated. Baker floor Shoe used and spot welder Baker floot collar used on top of second V+, 45 7" from bottom and spot welded above the lan collar. First 3 Jas spot wolded about tel w 21/2"-6.5# - 101hd - Upset End + 67. 8/145-212"-65"-1014 UE + by 5743" 5712 11" 14 -3" tottom bale chake. 23'1" 23'1" 57 66 2" 5 736 0" 4897 ft. cmt fillup behind 685 inch csq- based on 60% theoretical Tto landed on Hetzler Bill bearing the head to 57400 or 11 0" Folia R.T. 00 11-27-36 FRONTIER JAND. 5740 6" - 65 mil - 264 - 10 + 12 - 19. 5771 At plug #2 615/f+ T.D.

# WELL RECORD

Ohio Oil Co. Utah

	Well No.	11	Farm	State			cres d				ase	
			l State	Utah	County	Daggett	Pool	Clav	r Basi	in		
	· · ·							orth			9/1	
		1	Sec.		Survey	Town						
	1	. ]	Location	<u> 112</u>	O Ft. from	South Line	1520	Ft. from	Wes	Lin.	е С	Sec.
			:			INITIAL PR	ODUCT	ION				
	1		Oil: 1s	st 24	Bls. 2nd	24	Bls. F	lowing or I	Pumping			
	1		Ges. 7	L6,375,						١٨	T.he	
	l		[				est th	nis we		lowe	d at	rate
			Non-pro	oductive: (dry	or (water)	of 12.905.	<del>-600 -c</del> 1	a. ft.	tirr	u se	cara	ator
-					W L L L L	LLD# on se	parate	or and	1 1050	J# 0	n ca	asing
ŀ	lead and	produced	d distllat	te at r	ate SAND	s of 57.6	bbls	. per	24-h:	r. d	ay.	
											<del></del>	
	Name		1 ,	ntier	Dakota	Morrison	1		<del></del>			
	Depth to top.			173	<u>5739</u>	6123						
	" " boto	m		196	5779	6136						·····
	Thickness			23	40	13	ļ					
	Oil: Product	ng from-										
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<del></del>		50/30 Com	m. 6/5/36	Style 1	Cont'r	A.B.Frlx	Rigging b	ý.			Days at	÷
	Began 5/2											
	Began 5/2				DRILLIN			<del></del>		<del></del>		
			m. 11/27/36		DRILLIN	G, ETC			:0.00	non	£+	
			ap. 11/27/36		DRILLIN	G, ETC			9.00	per	ſt.	Þ
	Began 6/2	25/36 <b>C</b> om		Cont'r. Ro	orillin	G.ETC Drlg.Co	. Contract	: Briefly 🖔	9.00	per	ft.	, , , , , , , , , , , , , , , , , , ,
	Began 6/2	25/36 <b>com</b>	at \$9.00 Am	cont'r. Ro	orillin	G. ETC Drlg. Co	. Contract	: Briefly 🞳				•
	Began 6/2 Paid Drilling " Cleaning	25/36 Com 6151 ft. :	at (19.00 An days at	Cont'r. Ro mt. §55,	orillin	G. ETC Drlg. Cc ft. at Labor	. Contract	: Briefly \$\frac{1}{3}\$ mt. ft. at		Am	nt.	
	Began 6/2	25/36 Com 6151 ft. :	at \$9.00 Am	cont'r. Ro	orillin	G. ETC Drlg. Cc ft. at Labor	. Contract	: Briefly \$\frac{1}{3}\$ mt. ft. at			nt.	
	Began 6/2 Paid Drilling " Cleaning	25/36 Com 6151 ft. :	at (19.00 An days at	Cont'r. Ro mt. §55,	orillin	G. ETC Drlg. Cc ft. at Labor	. Contract	: Briefly \$\frac{1}{3}\$ mt. ft. at		Am	nt.	
	Began 6/2 Paid Drilling " Cleaning	25/36 Com 6151 ft. :	at (19.00 An days at	Cont'r. Ro mt. §55,	orillin	G. ETC Drlg. Cc ft. at Labor	. Contract	: Briefly \$\frac{1}{3}\$ mt. ft. at	)] F	Am	nt.	
	Began 6/2 Paid Drilling "Cleanin." Swabbir	25/36 Com 6151 ft. ( g out	at \$9.00 An days at days at	oCont'r. Ro nt. §55, Amt. Amt.	DRILLIN cky Mtn. 359.00	G. ETC Drlg. Cc ft. at Labor Tota	A. Contract	: Briefly \$\frac{1}{2}\$ mt. ft. at ed 615	ol F	Am	nt. to 58	371
	Began 6/2 Paid Drilling " Cleaning	25/36 Com 6151 ft. :	at \$9.00 An days at days at	Cont'r. Ro mt. §55,	orillin	G. ETC Drlg. Cc ft. at Labor	A. Contract	: Briefly \$\frac{1}{3}\$ mt. ft. at ed 615	ol F	Am	nt. to 58	
	Began 6/2 Paid Drilling " Cleaning " Swabbir	25/36 Com 6151 ft. : g out	at \$9.00 An days at days at FUEL QUANTITY	Amt.  PRICE	DRILLIN cky Mtn. 359.00	G. ETC  Drlg. Cc  ft. at  Labor  Tota	A. Contract  A. depth drille	: Briefly \$\frac{1}{2}\$ mt. ft. at ed 615	ol F	Am	nt. to 58	371
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. I	25/36 Com 6151 ft. 6 g out ng FROM	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00	G. ETC Drlg. Cc ft. at Labor Tota	A. Contract  A. I depth drille	: Briefly \$\frac{1}{2}\$ mt. ft. at ed 615	ol F	Am	nt.  58	371 MOUNT
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. I	25/36 Com 6151 ft. 6 g out  g out  FROM  Murphy 22-3-24	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00	G. ETC  Drlg. Cc  ft. at  Labor  Tota  FROM	A. Contract  A. I depth drille	: Briefly \$\frac{1}{2}\$ mt. ft. at ed 615	ol F	Am	nt.  58	371
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. I	25/36 Com 6151 ft. 6 g out  g out  FROM  Murphy 22-3-24	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00	G. ETC  Drlg. Cc  ft. at  Labor  Tota  FROM	A. Contract  A. I depth drille	: Briefly \$\frac{1}{2}\$ mt. ft. at ed 615	ol F	Am	nt.  58	371 MOUNT
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. 1 Sec.	25/36 Com 6151 ft. 6 g out  FROM Murphy 22-3-24 #1	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00  AMOUNT 1793.68	ft. at Labor Tota  Clay Bas Water P	A depth drille	e: Briefly \$\frac{1}{2}\$  mt.  ft. at 615  WATE QUANTI	ol F	Am	nt.  58	371 MOUNT
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. 1 Sec.	25/36 Com 6151 ft. 6 g out  g out  FROM  Murphy 22-3-24	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00  AMOUNT 1793.68	G. ETC  Drlg. Cc  ft. at  Labor  Tota  FROM	A depth drille	e: Briefly \$\frac{1}{2}\$  mt.  ft. at 615  WATE QUANTI	ol F	Am	nt.  58	371 MOUNT
	Paid Drilling " Cleaning " Swabbir  KIND  Gas R. 1 Sec.	25/36 Com 6151 ft. 6 g out  FROM Murphy 22-3-24 #1	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE	DRILLIN cky Mtn. 359.00  AMOUNT 1793.68	G. ETC Drlg. Cc ft. at Labor Tota  FROM Clay Bas Water P	A depth drille	etED	ER P	Am Plugged 1	nt.  58	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	25/36 Com 6151 ft. 6 g out  FROM Murphy 22-3-24 #1	at \$9.00 And days at days at FUEL QUANTITY 44,842	Amt.  PRICE  .04	DRILLIN cky Mtn. 359.00  AMOUNT 1793.68  PIPE	G. ETC Drlg. Cc ft. at Labor Tota FROM Clay Bas Water P	in lant	eted control of the second control of the se	ER P	Am Plugged t	166	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight}	Cont'r. Ro  nt. \$55,  Amt.  Amt.  PRICE  20"  90#	### DRILLIN  #################################	ft. at Labor Tota  Clay Bas Water P	in lant  COMPL  /8 2-6# 6	eted 615  WATE QUANTI	ER P	Amplugged t	166	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$9.00 Andays at days at FUEL QUANTITY 44,842	PRICE04 20" 90#	### DRILLIN  #################################	ft. at Labor Tota  Clay Bas Water P  EIN WELL  2 6-5	in lant  COMPL  /8 2-6# 6  04	eted 615  WATE QUANTI	3" 7.70/	Amplugged to	166 6#	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$\frac{1}{2}\$.00 An days at days at days at fuel Quantity 44,842 Size to Weight Joints Feet	PRICE 20" 90#	### DRILLIN  #################################	G. ETC Drlg. Cc  ft. at Labor Tota  FROM Clay Bas Water P  EIN WELL C 6-5 2 2 5774	. Contract  A.  I depth drille  in lant  COMPLE  /8 2-6# 6  04 ]  9 574	eted 615  WATE QUANTI	ER P	Plugged to the state of the sta	166 6#	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$9.00 Andays at days at FUEL QUANTITY 44,842	PRICE 20" 90# 1 4	PIPE  12-1/2 50# 14 3 282 6	FROM Clay Bas Water P  FIN WELL C 6-5 2 2 7774 Packers as	in lant  COMPL  /8 2-6# 6  04 ]  9 574	eted 615  WATE QUANTI	3" 7.70/	Plugged to the state of the sta	166 6#	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$\frac{1}{2}\$.00 An days at days at days at fuel Quantity 44,842 Size to Weight Joints Feet	PRICE 20" 90# 1 4	PIPE  12-1/2 50# 14 3 282 6	G. ETC Drlg. Cc  ft. at Labor Tota  FROM Clay Bas Water P  EIN WELL C 6-5 2 2 5774	in lant  COMPL  /8 2-6# 6  04 ]  9 574	eted 615  WATE QUANTI	3" 7.70/	Plugged to the state of the sta	166 6#	371 MOUNT
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  #### Cky Mtn.  ###################################	FROM Clay Bas Water P  EIN WELL C 6-5 2 2 5774 Packers as	in lant  COMPL  /8 2-6# 6 04 ] 9 574	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166 6#	371 MOUNT
	Paid Drilling " Cleanin " Swabbir  KIND  Gas R. M Sec.	FROM  S. Murphy 22-3-24 #1  RPEDOES	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  #### Cky Mtn.  ###################################	FROM Clay Bas Water P  EIN WELL C 6-5 2 2 5774 Packers as	in lant  COMPL  /8 2-6# 6  04 ]  9 574	ETED  -1/2 3.50 # 81 CREDI	3" 7.70/ 1 22 6	Plugged to the state of the sta	166	371 MOUNT
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	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  EIN WELL C 6-5 2 2 5774 Packers as	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
	Paid Drilling " Cleanin. " Swabbir  KIND  Gas R. 1 Sec. Vell  TOF	#1  RPEDOES  Q'rts from	at \$\frac{1}{2} \cdot 0 \cdot \text{An} \text{days at} \text{days at} \text{FUEL} \text{QUANTITY} \text{44,842} \text{Size} \text{to} \text{Weight} \text{Joints} \text{Feet} \text{Liner bot} \text{DEBITS}	PRICE 20" 90# 1 4	### DRILLIN  Cky Mtn.  359.00  AMOUNT  1793.68  PIPE  12-1/2  50#  14  3 282 6  COUNTING  FEET  A	FROM Clay Bas Water P  Sin Well Clay Bas Water P  From From From From From From From Fro	in lant  COMPL  /8 2-6# 6  04 ]  9 574  et at	ETED  -1/2 3.50 # 81 CREDI	3" 7.704 1 22 6	Am Plugged t  RICE  2't 4.6 1 23 Wir	166	371 MOUNT 56.11
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# CHEMICAL & GEOLOGICAL LABORATORIES

521 South Center St. P. O. Box 279
Casper, Wyoming

# CORE ANALYSIS REPORT

Field	CLAY BASIN, UTA	H		Well No	Sta	ate Land #1	and	
	Mountain Fuel S							
-					_		_	
	v Chemical-Geolo	<del>-</del>	-				,	

		EFFECTIVE	DEB	EABILITY,	OIL	SATURATION	WATER SATURATION			
SAMPLE NO.	DEPTH, FEET	POROSITY	MILLI	DARCIES	PERCENT PORE SPACE	BARRELS PER ACRE FEET	PERCENT PORE SPACE	BARRELS PEF ACRE FEET		
1 2 3 4 5 6 7 8 9	5740A 5742B 5742-56A 5756A 5758B 5760C 5762D 5764E	3.6 2.9 10.9 19.1 22.6 15.3 19.3	H 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V ,0.01 0.02 7.44 0 0.24 0.10 0.19 8.16						
9 10 11 12 13 14 15	5766F 5768G 5770H 5772I 5774J 5776A 5778B 5780C	12.0 16.9 13.4 9.9 15.8 14.9	5.96 0 0.01 0 11 4.93 0 4.01	8.71 43 0.46 0 57 25 5.94 2.49	13					
·	•						•			
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# SUMMARY

<u>_</u>	Arithmetical average,	excluding sections	with less than one-	tenth millidarcy permeabil	ity]
DEPTH. FEET FROM TO	FEET OF SAND	AVERAGE POROSITY	AVERAGE PERMEABILITY	AVERAGE OIL SATURATION	AVERAGE WATER SATURATION
5766	1	12.0	5.96 8.71		
5174 <b>~ 5776</b>	3	15.4	7.97 41		
<b>/</b> 5780	1	14.9	4.01 2.49	_	

# UNIOD STATES SUBMIT IN TRIPLE DEPARTMENT OF THE INTERIOR Verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

	ream hole to 7-5 K-55 casing to 6 perforate with 2		casing to 6000', ru a total of 124 sack forating depths to b	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.  VISION OF
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri 1/2", 12.6#, J-55 Hydr	casing to 6000', ru a total of 124 sack forating depths to be fil tubing, release  APPROVED BY THE DI  DATE:  APPROVED BY THE DI	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.  VISION OF
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri 1/2", 12.6#, J-55 Hydr	casing to 6000', ru a total of 124 sack forating depths to be fil tubing, release  APPROVED BY THE DI  DATE:  APPROVED BY THE DI	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.  VISION OF
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	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peril 1/2", 12.6#, J-55 Hydr	casing to 6000', ru a total of 124 sack forating depths to be fil tubing, release APPROVED BY THE DI DIL, GAM, AND MININ	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.  VISION OF
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	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri 1/2", 12.6#, J-55 Hydr	casing to 6000', ru a total of 124 sack forating depths to b ril tubing, release	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.  VISION OF
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (per 1/2", 12.6#, J-55 Hydr	casing to 6000', ru a total of 124 sack forating depths to be ail tubing, release	n 5-1/2"OD, 17#, s of cement, log, e picked from logs), rig.
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri	casing to 6000', ru a total of 124 sack forating depths to b	n 5-1/2"OD, 17#, s of cement, log, e picked from logs),
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri	casing to 6000', ru a total of 124 sack forating depths to b	n 5-1/2"OD, 17#, s of cement, log, e picked from logs),
	ream hole to 7-5 K-55 casing to 6 perforate with 2	5/8" below the 6-5/8" 5000' and cement with 2 holes per foot (peri	casing to 6000', ru a total of 124 sack forating depths to b	n 5-1/2"OD, 17#, s of cement, log, e picked from logs),
	ream hole to 7–5 K–55 casing to 6	5/8" below the 6- $5/8$ " $5000$ ' and cement with	casing to 6000', ru a total of 124 sack	n 5-1/2"OD, 17#, s of cement, log.
	ream hole to 7-5	5/8" below the 6-5/8"	casing to 6000', ru	n 5-1/2"OD, 17#,
	We would like to	o clean out approxima	ely 130' of cement	to 6000', under-
	•			
	TD 6151', PBD 58	371', open hole in Dal	kota formation.	
	many wo mind rothly	•		
17.	proposed work. If well is direct nent to this work.) *	PERATIONS (Clearly state all pertine tionally drilled, give subsurface local pertine subsurface subsurface local pertine subsurface subsu	nt details, and give pertinent dat tions and measured and true ver	es, including estimated date of starting any tical depths for all markers and zones perti-
	(Other) Recomplete		Completion or Recor	dts of multiple completion on Well mpletion Report and Log form.)
	REPAIR WELL	CHANGE PLANS	(Other)	
	SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
	FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
	TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
	NOTICE OF INT	ENTION TO:	suns	EQUENT REPORT OF:
16.	Check A	Appropriate Box To Indicate I	Nature of Notice, Report, or	r Other Data
10			GR 6492'	Daggett   Utah
				12. COUNTY OR PARISH 13. STATE
14	PERMIT NO.	15. ELEVATIONS (Show whether I	or process	SE SW 16-3N-24E
	1120' FSL, 152	20' FWL SE SW		A PARTIE A
				11. SEC., T., R., M., GR BLK. AND SURVEY OR AREA
	At surface			Clay Basin
4.	LOCATION OF WELL (Report location See also space 17 below.)	Rock Springs, Wy	y State requirements.*	10. FIELD AND POOL, OR WILDCAT
	P. O. Box 1129.	Rock Springs Wy	oming 82901	3. WHILL NO.
3.	Mountain Fuel St	uppry Company		Unit Well 9. WBLL NO.
ú.	•			8. FARM OR LEASE NAME
<u> </u>	WELL WELL X OTHER  NAME OF OPERATOR			Clay Basin Unit
1.	OIL GAS V			7. UNIT AGREEMENT NAME
<del>,</del> –	Use "APPL	posals to drill or to deepen or plug ICATION FOR PERMIT—" for such	proposals.)	
	SUNDRY NO			
	CLL IDDY NO			Utah 57 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
,		GEOLOGICAL SURVEY		174-25 57

# UNDED STATES DEPARTMENT OF THE INTERIOR "

SUBMIT IN TRIPE. ATE (Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R1424.

DEPA	RTMENT OF THE INGEOLOGICAL SURVE	TERIOR verse side)	5. LEARS DESIGNATION Utah 57	AND MERIAL NO.
	NOTICES AND REPOR	RTS ON WELLS  plug back to a different reservoir. such proposals.)	6. IF INDIAN, ALLOTTE	H OR TRIBE NAME
1.		······································	7. UNIT AGREEMENT NA	A M IO
WELL GAS X OTH	(ER		Clay Basin U	Jnit /
2. NAME OF OPERATOR			8, FARM OR LEASE NAT	M 10
Mountain Fuel Supply	y Company		Unit Well	. \
3. ADDRESS OF OPERATOR			9. WELL NO.	
P. O. Box 1129, 4. LOCATION OF WELL (Report loca	Rock Springs, Wyomi	ng 82901	3	
4. LOCATION OF WELL (Report loca See also space 17 below.)	tion clearly and in accordance wit	th any State requirements.*	10. FIELD AND POOL, O	R WILDCAT
At surface			Clay Basin	
	·		11. SEC., T., R., M., OR SURVEY OR AREA	BLK. AND
1120' FSL, 1520' I	FWL SE SW		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•
			SE SW 16-3N-	
14. PERMIT NO.	15. ELEVATIONS (Show whe	ether DF, RT, GR, etc.)	12. COUNTY OR PARISI	I 18. STATE
	KB 6501'	GR 6492'	Daggett	Utah
16. Chec	k Appropriate Box To Indic	ate Nature of Notice, Report, or G	Other Data	
	INTENTION TO:		QUENT REPORT OF:	
		7		
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	
SHOOT OR ACIDIZE	ABANDON*	shooting or acidizing (Other) Recomplet		X
REPAIR WELL (Other)	CHANGE PLANS	(Note: Report result	s of multiple completion	on Well
	ED OPERATIONS (Clearly state all pe	ertinent details, and give pertinent dates	oletion Report and Log fo	
proposed work. If well is onent to this work.) *	lirectionally drilled, give subsurfac	ce locations and measured and true vertice	al depths for all marker	s and zones perti
TD 6151', PBD 5950'	, well shut in.			
landed 5986.43' net 5995.43' KBM and ce 150 sacks regular t perforated from 573 squeezed 35 sacks r KBM, perforated Dak	, 6028.28' gross of mented with 28 sacks ype G densified ceme 2' to 5733' with 4 hegular G cement treatota formation from 5 packer at 5670', lar	leaned out to 6005', under 5-1/2"OD, 17#, K-55, Hydes 50-50 Pozmix treated with treated with cFR-2 are holes, set cement retained ated with 1.5% CFR-2, cleated with 1.5% CFR-2, cleated with 5773' with 2 HPF anded 4-1/2"OD, 12.6#, K-5	dril casing at ith 2% gel and nd HR-4, ran CB er at 5692' and eaned out to 59 F jumbo jet sho	L, 50'
				101 1

Final report.

18. I hereby certify that the foregoing is true and correct SIGNED . My		Manager, Drilling and Petroleum Engineering	DATE Oct. 27, 1976
(This space for Federal or State office use)	and the same and t		
APPROVED BY	TITLE _		DATIO

From: C. R. Owen

Rock Springs, Wyoming

To: T. M. Colson

April 12, 1976

Tentative Plan to Run 5-1/2-inch O.D.

Casing and Recomplete

as a Gas Well

Unit Well No. 3

Clay Basin Field

This well was drilled to a depth of 6151 feet and completed in 1936. 6-5/8-inch O.D. casing was landed and cemented at the top of the Dakota formation at 5740 feet. The hole was plugged back to the bottom of the Dakota at 5871 feet.

To restore the well, it will be necessary to drill out about 130 feet of cement in the bottom of the hole and replace the Hetzler ball bearing wellhead. 5-1/2-inch 0.D. flush joint casing will be run and cemented through the Dakota. The Dakota sand will be perforated and 4-inch Hydril SFJ tubing will be installed.

The following is a tentative plan to accomplish the above described work. A cost estimate and present status drawing are attached.

- Move in and rig up contract workover rig. Mud tank, pump, and drilling equipment will be required.
- 2. Kill well with mud mixed with a maximum water loss of 5 cc. by pumping down the tubing-casing annulus and up the tubing. See General Information, Step III, for water make up. Approximately 200 barrels will be required to fill wellbore. Estimated bottom hole pressure is 475 psi. Mud will exert a hydrostatic pressure of 2709 psi at the top of the open hole section.
- 3. Dig out cellar to top of the 6-5/8-inch O.D. casing. With well dead, cut off
  Hetzler wellhead and set slips on 2-7/8-inch O.D. tubing. Strip on a weld-on
  10-inch 3000 psi Type B casing flange bored for 6-5/8-inch O.D. casing. Install
  a 10-inch 3000 psi hydraulically operated double gate BOP equipped with 2-7/8inch O.D. rams in top and blind rams in bottom. Pull and lay down 2-7/8-inch O.D.,
  6.5-pound, 10 round thread, EUE tubing.
- 4. Pick up a 5-3/4-inch O.D. rock bit with six 4-1/2-inch drill collars and run on 2-7/8-inch O.D. drill pipe. Tag cement at 5871 feet RT. Drill 130 feet of cement to total depth of 6000 feet RT. This depth should allow about 100 feet of rat hole

below the Dakota sand. Underream hole to 7-5/8-inch O.D. below the 6-5/8-inch O.D. casing to total depth at 6000 feet. Stand 2-7/8-inch drill pipe in derrick and lay down drill collars.

- 5. Rig up Dresser Atlas and run the following recommended logs from 6000 feet to bottom of 6-5/8-inch O.D. casing at 5740 feet RT. Run a formation density log with gamma ray, caliper, and dual induction logs. Run a cement bond log from 5740 feet RT to top of cement behind 6-5/8-inch O.D. casing at about 4877 feet RT.
- 6. Run 2-7/8-inch O.D. drill pipe in hole to total depth at 6000 feet RT. Circulate out any sand fillup using the drilling mud. Pull and lay down 2-7/8-inch O.D. drill pipe.
- 7. Install 5-1/2-inch O.D. rams in top gate of blowout preventer. Pick up a

  Baker 5-1/2-inch O.D. guide shoe, one joint of 5-1/2-inch O.D., 17-pound, K-55,

  Hydril SFJ casing and a Baker Model "G" differential fillup float collar. Run

  about 5970 feet of 5-1/2-inch O.D., 17-pound, K-55, Hydril SFJ casing. Circulate

  hole to break circulation and clean up with water. Displace water with drip oil

  treated with 1 quart corrosion inhibitor per barrel drip oil. Rotate casing

  during cementing operations. Cement with 28 sacks of 50-50 Pozmix and tail-in

  with 96 sacks of Regular Class "G" densified cement. The 28 sacks of 50-50

  Pozmix should bring the top of the cement behind the 5-1/2-inch O.D. casing to

  4000 feet and the 96 sacks densified cement should bring the top of the densified

  cement 150 feet above the 6-5/8-inch O.D. casing shoe at 5740 feet KB. The 28 sacks

  of 50-50 Pozmix represent the actual calculated volume and the 96 sacks densified

  cement is 50 percent excess. The volume of cement should be checked with the

caliper log previously run. Bump plug with 2500 psi and hold for 15 minutes to pressure test casing. Land 5-1/2-inch O.D. casing with full indicator weight. Record indicator weight.

- 8. Remove blowout preventer and cut off casing. Install a 10-inch 3000 psi by 6-inch 3000 psi Type B NSCo. tubing spool. Pressure test seals and packing to 2500 psi for 5 minutes. Minimum collapse pressure for 5-1/2-inch 0.D., 17-pound, K-55 casing is 4910 psi. Install a 6-inch 3000 psi double gate hydraulic blowout preventer with 4-1/2-inch 0.D. rams in top gate.
- 9. After a WOC time of 48 hours, rig up Dresser Atlas to run a cement bond log from plug back total depth at about 5970 feet to cement top behind the 5-1/2-inch O.D. casing.
- 10. Perforate the Dakota sand with 2 HPF Jumbo Jet shots. Measurements will be taken from open hole logs previously run and correlated to the cement bond log.
- 11. Rig up Dresser Atlas and run a Baker Model "FB" packer equipped as follows:

  Baker Model "FB" production packer (3.0-inch I.D.) dressed for 5-1/2-inch 0.D.,
  17-pound casing.

Baker seal bore protector and millout extension (3-inch I.D.).

Baker Model "F" non-ported seating nipple (size 2.31):

10 foot Baker extension.

Baker Model "R" non-ported no-go seating nipple (Size 2.25).

Run and set packer to allow 30 feet above perforations from the bottom of the assembly. Perforating depths will be picked from logs previously run.

12. Pick up and run tubing as follows:

One NSCo. Type H-1 tubing hanger.

5750 feet 4-1/2-inch 0.D., 12.60-pound, J-55, Hydril super flush joint tubing.

One Baker Model "L" sliding sleeve in open position.

One Baker locator seal assembly with 10 feet of seals (I.D. 2.375).

Land tubing in the Baker Model "FB" packer previously run with 10,000-pounds compression.

- 13. Remove blowout preventer and install upper portion of wellhead. Swab fluid out of wellbore.
- 14. Release rig.

### GENERAL INFORMATION

### I. Material Required:

- a. Baker Model "FB" production packer (bore 3.000-inches), 10 foot seal bore protector and millout extension (I.D. 3.000-inches), Baker Model "F" non-ported seating nipple, size 2.31, 10 feet 2-7/8-inch 0.D., 6.4-pound, J-55, 8 round thread, EUE pup joint, and Baker Model "R" non-ported no-go seating nipple, size 2.25.
- b. Complete NSCo. 3000 psi wellhead, 10-inch 3000 psi casing flange with slips to land 5-1/2-inch 0.D. casing, 10-inch 3000 psi by 6-inch 3000 psi Type B tubing spool with H-1 hanger tapped for 4-1/2-inch 0.D., 8 round thread, and upper portion of 4-1/2-inch wellhead.
- c. 6000 feet 5-1/2-inch 0.D., 17-pound, K-55, super flush joint casing.
- d. 5900 feet 4-1/2-inch O.D., 12.60-pound, K-55, Hydril SFJ tubing and a complete set of pup joints including a 4-1/2-inch O.D. 8 round thread pin to 4-1/2-inch O.D. SFJ pin crossover sub.
- e. 4-1/2-inch O.D. Baker Model "L" sliding sleeve.
- f. 4-3/4-inch O.D. rock bit.

### II. Equipment Required:

- a. Six 4-1/2-inch drill collars.
- b. 7-5/8-inch underreamer.
- c. Handling equipment for 5-1/2-inch 0.D. flush joint casing and 4-1/2-inch 0.D. flush joint tubing.
- d. 10-inch 3000 psi blowout preventer with 2-7/8-inch 0.D. rams and 5-1/2-inch 0.D. rams.

- e. 6-inch 3000 psi blowout preventer with 4-1/2-inch O.D. rams.
- f. Storage for 600 barrels of mud.
- g. Storage for 600 barrels of drip oil.
- h. Casing crew to pick up and run 5-1/2-inch O.D. casing and 4-1/2-inch O.D. tubing.
- i. 6500 feet 2-7/8-inch O.D. drill pipe and associated handling equipment.
- III. The make up water should be tested for calcium and treated out with bi-carbonate soda prior to mud up. A Super-Col and Hi Vis CMC mud with a viscosity of about 40-50 sec./qt. is recommended. Initial mud up ratio should be five (5) Super-Col to one (1) CMC for 40-50 Vis. Then a ratio at ten (10) Super-Col to one (1) CMC for maintenance which should give a five (5) cc. water loss at total depth.

pH should be maintained at 7.0-8.0 to minimize oxygen activity to minimize corrosion.

Form 9-331 (May 1963)		ED STATES		SUBMIT IN LICA (Other instrumes of	n re-l		reau No. 42-R1424.
	DEPARTMENT			verse side)	1		N AND BERIAL NO.
	GEOLG	OGICAL SUR	VEY		1	tah 57	TEE OR TRIBE NAME
	RY NOTICES					INDIAN, ALEOT	- CR THIBE NAME
(Do not use this fo	rm for proposals to d Use "APPLICATION F	Irill or to deepen OR PERMIT—" 1	or plug back to for such proposals	a different reservoir.	ļ	÷	
1.	<del></del>				7.	UNIT AGREEMENT	NAMB
WELL GAS X	OTHER				c	lay Basin U	nit
2. NAME OF OPERATOR						FARM OR LEASE N	
Mountain Fuel Su	pply Company				Ur	nit Well	
3. ADDRESS OF OPERATOR	Dool Cond		00001	The second secon	9.	WELL NO.	
P. O. Box 1129,  4. LOCATION OF WELL (Rep		ngs, Wyomi				3	· · · · · · · · · · · · · · · · · · ·
See also space 17 below. At surface	)	id in accordance	with Muy State r	equirements.•		FIELD AND POOL,	OR WILDCAT
			,		:	ay Basin	DIF AND
1120' FSL, 1520	O' FWL SE	SW				SURVEY OR ARE	A AND
			•		SE	SW 16-3N-	24F ::
14. PERMIT NO.	, 15. EI	EVATIONS (Show w	whether DF, RT, GR,	etc.)	: :	COUNTY OR PARIS	
· · · · · · · · · · · · · · · · · · ·	KB	6501 <b>'</b>	GR 64921	The second s	Da	ggett	Utah
16.	Charle A	-4- Pau Ta I. J	li-us- NI s	(NI ii D	<del></del>		;
			licate Nature	of Notice, Report, o	or Other	r Data	<del>4</del>
NOT	ICE OF INTENTION TO:			SUE	SEQUENT	REPORT OF:	Į.
TEST WATER SHUT-OFF	PULL OR	ALTER CASING		WATER SHUT-OFF		REPAIRING	WELL
FRACTURE TREAT	MULTIPLE	COMPLETE	_	FRACTURE TREATMENT		ALTERING (	CASING
SHOOT OR ACIDIZE	ABANDON*	·		SHOOTING OR ACIDIZING		ABANDONMI	SNT*
REPAIR WELL	CHANGE I	PLANS	_	(Other) Recomple			<b>X</b> ·
(Other)				(Note: Report res Completion or Rec	ompletion	Report and Log for	orm.)
17. DESCRIBE PROPOSED OR CO proposed work. If we nent to this work.) *  TD 6151, PBD 595	en is directionally uni	med, give subsuit	ace locations and	s, and give pertinent of	ates, inclu ertical dep	ding estimated da oths for all market	te of starting any
,	,						
Rigged up work ov	er unit on 8	-17-76 c1	eaned out	to 60051 unde	er ros	mad to 6007	
landed 5986.43' n	et. 6028.28'	gross of	5-1/2"OD.	17#. K-55. Hyd	iril c	agino et	
5995.43' KBM and	cemented with	n 28 sacks	50-50 Poz	mix treated wi	th 22	cel and	
150 sacks regular	type G dens:	ified cemen	nt treated	with CFR-2 ar	nd HR-	4. ran CBL.	
perforated from 5	732' to 5733'	with 4 ho	oles, set	cement retaine	er at	5692' and	
squeezed 35 sacks	regular G ce	ement treat	ted with 1	.5% CFR-2. cle	aned	out to 5950	j• J≟g ×
KBM, perforated D	akota formati	ion from 57	733' to 57	73' with 2 HPF	1 umb	o let shots	l facility of the second
per foot, set FB-	l packer at 5	5670', land	ded 4-1/2"	OD, 12.6#, K-5	5, tu	bing at 567	4.55
KBM, swabbed, rel	eased rig on	9-23-76.				idē, zitu.	i Žiologa <del>m</del> odžija
<u> </u>		*			20222		
Final report.				(93)	ىرى ئەسلاملىقىلىق سىرىسىلىلىقىلىقىلىقىلىقىلىقىلىقىلىقىلىقىلىق		<del>6</del> 1
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					~ < <i>n</i> -		
18. I hereby certify that the	foregoing is true and	l correct	Managar	Drilling and			
Oria	inal Signed		Dotted	m Engineering	The same of the same of	<b>N-1</b>	1 475 R 4
SIGNED	S. MYERS	TITL	E VECTOTE	m pugrneering		DATOCt. 27	, 1976
(This space for Federal						<del> </del>	
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CONDITIONS OF APPRO	OVAL, IF ANY:	TITL		1 - Any		DATE O	عر برت ا
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Form	9-33 I
(Mav	1963)

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*	GEOL	JGICAL	SUK	VEY

SUNDRY NOTICES AND REPORTS ON WELLS

_ i					-			بسد . تد		
-	6.	IF	IND	AN.	ALZ	OTTE	OR	TRIB	C N	KA

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	
OUL GAS WELL MOTHER RECEIVED	7. UNIT AGREEMENT NAME Clay Basin Unit
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Mountain Fuel Supply Company JUN 27 1985	Unit Well
3 ADDRESS OF OPERATOR	9. WELL NO.
P. O. Box 1129, Rock Springs, Wyoming 82901 OLOGICAL SURVEY	<b>13</b> 14030456
See also space 17 below.)  At surface  GAS & MNNO	10. FIELD AND POOL, OR WILDCAT;
1120' FSL, 1520' FWL SE SW 007 2 0 1976	11. SEC., T., R., W., OR BLE. AND SURVEY OR AREA
G. Constant	SE SW 16-3N-24E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
14. PERMIT NO.  15. ELEVATIONS (Show whether DF, RT, GR, etc.)  17. FLEVATIONS (Show whether DF, RT, GR, etc.)  18. FLEVATIONS (Show whether DF, RT, GR, etc.)  19. GR 6492	Daggett Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data:: 🚟 😥

NOT	CE OF	INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF		PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF PRACTURE TREATMENT ALTERING CARING
SHOOT OR ACIDIZE		ABANDON®	SHOOTING OR ACIDIZING ABANDONMENTS
. (Other)	<u>—</u>	CHANGE PLANS	(Other)  (Note: Report results of multiple completion on Well)  Completion or Recompletion Report and Log form.)

TD 6151', PBD 5950', well shut in.

Rigged up work over unit on 8-17-76, cleaned out to 6005', under reamed to 6007 landed 5986.43' net, 6028.28' gross of 5-1/2"OD, 17#, K-55, Hydril casing at 5995.43' KBM and cemented with 28 sacks 50-50 Pozmix treated with 2% gel and 150 sacks regular type G densified cement treated with CFR-2 and HR-4, ran CBL perforated from 5732' to 5733' with 4 holes, set cement retainer at 5692' and squeezed 35 sacks regular G cement treated with 1.5% CFR-2, cleaned out to 5950! KBM, perforated Dakota formation from 5733' to 5773' with 2 HPF jumbo jet shots per foot, set FB-1 packer at 5670', landed 4-1/2"OD, 12.6#, K-55, tubing at KBM, swabbed, released rig on 9-23-76.

Final report.

					一点创造交替(P. 野) 的 <b>喜欢</b> 思
	hereby certify that the foregoing is true and correct Original Signed	TITLE	Manager, Drilling and Petroleum Engineering	<u></u>	DAT Oct. 27, 1976
	R. G. MYERS			<u> </u>	DATE GREEN
A	This space for Federal or State office use) APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	—TITLEC	Dist Eng.		DATE O # 2 5 )



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 15, 1985

Bureau of Land Management 170 South 500 East Vernal, Utah 84078

Attention: Benna

Gentlemen:

Re: Clay Basin Units #2, #3, #4, #5, #6, #10, and #11

Benna, we are unable to reach a decision regarding the status of the above mentioned wells. Wexpro states they are Gas Storage Wells and that they sent sundry's to that affect.

Reviewing our files, I am unable to locate any sundry's or any other information indicating that these are Gas Storage Wells. Perhaps Wexpro sent copies to you and not to us. Can you shed any light on the subject?

Any help you could provide us would be greatly appreciated.

Sincerely,

Vicky Carney Office Specialist, Production

cc: Dianne R. Nielson Ronald J. Firth Norman C. Stout File

0031-53



# United States Department of the Interior

### BUREAU OF LAND MANAGEMENT VERNAL DISTRICT OFFICE 170 South 500 East

Vernal, Utah 84078

IN REPLY REFER TO:

> 3100 Clay Basin Unit

April 30, 1985

Mountain Fuel Supply Co. P.O. Box 11368 Salt Lake City, UT 84139

Re: Well No. 2

Sec. 21, T3N, R24E, SLB&M

Lease SLC-045051-A

Well No. 3

Sec. 16, T3N, R24E, SLB&M

State Lease

Well No. 4

Sec. 27, T3N, R24E, SLB&M

Lease SLC-045053-A

Well No. 5

Sec. 20, T3N, R24E, SLB&M

Fee Lease

Well No. 6

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045051-B

Well No. 10

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045049

Well No. 11

Sec. 22, T3N, R24E, SLB&M

Lease SLC-045051-A

All in Clay Basin Unit.

All in Daggett County, Utah.

### Gentlemen:

The aforementioned wells were originally completed as gas wells producing from the Dakata Formation. However, plan of developments/subsequent reports submitted for the Clay Basin Unit for calendar years 1977 through 1983 indicate that these wells are being converted to gas injection wells. If conversion has occurred, please submit sundry notices with subsurface schematics depicting the current status for each well. If alterations occurred to the casing while conversion was taking place, please submit Well Completion and Recompletion Report and Log for those wells affected, along with the aforementioned sundry notices.

Thank you for your cooperation in this matter. If you have any questions, please contact Allen McKee at (801) 789-1362.

Sincerely,

Craig M. Hansen

Assistant District Manager

for Minerals



P.O. BOX 458

**ROCK SPRINGS, WYOMING 82901** 

PHONE (307) 382-9791

May 8, 1985

Bureau of Land Management Vernal District Office 170 South 500 East Vernal, Utah 84078

MAY T 3 1985

Re: Well No. 2

Sec. 21, T3N, R24E, SLB&M

Lease SLC-045051-A

Well No. 3

Sec. 16, T3N, R24E, SLB&M

State Lease

Well No. 4

Sec. 27, T3N, R24E, SLB&M Lease SLC-045053-A

Well No. 5

Sec. 20, T3N, R24E, SLB&M

Fee Lease

Well No. 6

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045051-B

Well No. 10

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045049

Well No. 11

Sec. 22, T3N, R24E, SLB&M Lease SLC-045051-A

All in Clay Basin Unit.

All in Daggett County, Utah

Dear Mr. McKee:

In reference to your letter 3100 on Clay Basin Unit, the above wells in question have all been converted to gas injection/withdrawal wells. This work was performed in 1976. Attached are sundries for wells that were reperforated in the Dakota along with schematics depicting each wells current status.

Thank you for bringing this matter to our attention. If you have any further questions, please contact me at 307-382-9791.

Sincerely,

Robert L. Rasmussen

Staff Engineer

RLR/srl

Attachments



# **CELSIUS ENERGY COMPANY**

P.O. BOX 458

**ROCK SPRINGS, WYOMING 82901** 

June 25, 1985

JUN 27 1985

DIVISION OF OIL GAS & MINING

State of Utah Natural Resources Oil, Gas and Mining 355 W N Temple, Suite 350 Salt Lake City, Utah 84180-1203

Re: Well No. 2

Sec. 21, T3N, R24E, SLB&M

Lease SLC-045051-A

Well No. 6

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045051-B

I WETT NO. 3

Sec. 16, T3N, R24E, SLB&M

State Lease

Well No. 10

Sec. 23, T3N, R24E, SLB&M

Lease SLC-045049

Well No. 4

Sec. 27, T3N, R24E, SLB&M

Lease SLC-045053-A

Well No. 11

Sec. 22, T3N, R24E, SLB&M

Lease SLC-045051-A

Well No. 5

Sec. 20, T3N, R24E, SLB&M

Fee Lease

All in Clay Basin Unit.

All in Daggett County, Utah

Dear Ms. Poulsen:

In reference to your letter on the Clay Basin Unit, the above wells in question have all been converted to gas injection/withdrawal wells. This work was performed in 1976. Attached are sundries for wells that were reperforated in the Dakota along with schematics depicting each wells current status.

Thank you for bringing this matter to our attention. If you have any further questions, please contact me at 307-382-9791.

Sincerely,

Robert L. Rasmussen

Staff Engineer

RLR/srl

Attachments

to 75"

Chy 6151 ft To 121 Map 14

Production Packer Report Unit Well No. 3 Clay Basin Field As of Recompletion as a Gas Storage Well 9/23/76

Set Baker FB-1 packer at 5670 feet KBM. Packer run as follows:

	Net	Gross
1 Baker FB-1 production packer dressed for		_
5-1/2-inch O.D., 17-pound casing	2.37	2.37
1 Baker mill out extension, 3-1/2-inch,		
8 round, EUE double pin	5.62	6.42
1 Baker seal bore protector, 3-1/2-inch,	10.05	10.25
8 round, EUE box & pin	10.05	10.25
1 3-1/2-inch 8 round EUE box by 2-7/8-inch	0.58	0.76
8 round EUE pin changeover	0.50	0.70
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread, EUE pup joint	7.92	8.10
1 Baker F nipple, 2-7/8-inch 8 round EUE,		
2.31-inch I.D.	0.97	1.15
1 2-7/8-inch 0.D., 6.5-pound, N-80,		
8 round thread, EUE pup joint	8.07	8.25
1 Baker R nipple, 2-7/8-inch 8 round		
EUE, 2.25-inch I.D.	0.98	1.16
m-	36.56	38.46
Total	20.20	30.40

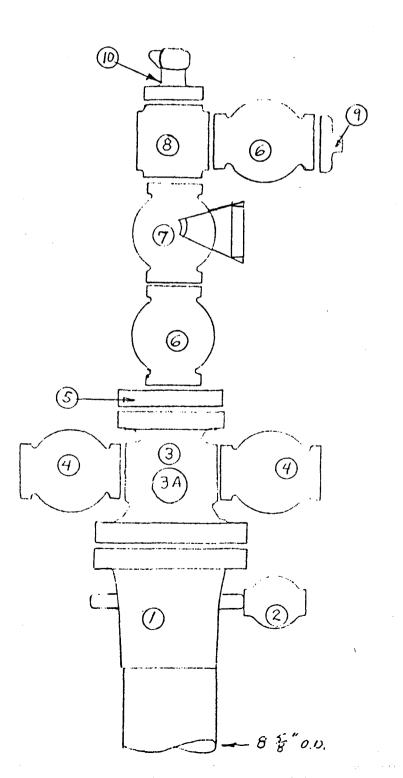
Production Tubing Unit Well No. 3 Clay Basin Field As of Recompletion as a Gas Storage Well 9/23/76

Picked up Baker seal assembly and Baker Model L sliding sleeve. Ran on 4-1/2-inch O.D. tubing. Spaced out and landed 4-1/2-inch O.D. tubing as follows:

	Net	Gross
1 NSCo. DP-70 tubing hanger, tapped 4-1/2-inch 8 round ST&C, top and bottom	0.70	0.70
1 4-1/2-inch 8 round ST&C pin by 4-1/2-inch Hydril SFJ pin	3.00	3.44
1 4-1/2-inch O.D., 12.6-pound, K-55, Hydril SFJ pup joint	7.77	7.99
1 4-1/2-inch O.D., 12.6-pound, K-55, Hydril SFJ pup joint	9.77	9.99
1 4-1/2-inch O.D., 12.6-pound, K-55, Hydril SFJ pup joint	9.76	9.98
150 jts. 4-1/2-inch O.D., 12.6-pound, K-55, Hydril SFJ tubing	5,618.28	5,651.28
1 4-1/2-inch Hydril SFJ box by 3-1/2-inch 8 round EUE pin 1 Baker Model L sliding sleeve, 2.81-inch I.D.,	0.80	0.97
3-1/2-inch 8 round EUE box & pin (run in open	2.94	3.11
position) 1 3-1/2-inch O.D., 9.3-pound, EUE pup joint 1 3-1/2-inch O.D. 8 round EUE box by 3-1/2-inch	6.23	6.40
Hydril CS pin  1 Baker Model G locator sub seal assembly with	0.51	0.71
9 seals, 2.375-inch I.D.	7.79	7.79
Total	5,667.55	5,702.36

Above tubing landed at 5674.55 feet KBM or 7.00 feet below KB in 10,000 pounds compression in a NSCo. 10-inch 3000 psi by 6-inch 3000 psi tubing spool. Installed 4-inch 3000 psi upper wellhead.

# Clay Basin Unii No.3 after recomplation as a gas storage well 9-23-76



9-17-76/23

# Clay Basin Unit Well No. 43

- (1) 10" X 3000 psi casing flange, Type B slip-weld for 8-5/8"
- (2) 1 2" Demco ball valve with 2" X 6" HD nipple and 2" XH bull plug
- (3) 1 NSCo. DP-70 tubing spool, 6" X 3000 psi by 10" X 3000 psi
- (4) 2 2" X 3000 psi WKM gate valve flanged
- (5) 1 6" 3000 psi X 4" 3000 psi double studded adapter
- (6) 2 4" X 3000 psi WKM gate valve flanged
- (7) 1 4" X 3000 psi WKM gate valve flanged, equipped with safety actuator
- (8) 1 studded block tee 4" X 4" X 4" 3000 psi
- (9) 1 weld flange 4" 3000 psi by schedule 80 weld
- (10) 1 tree top adapter 4" 3000 psi flanged bottom, with 4-1/2" 8 round EUE lift threads
- (3A) 1 NSCo. tubing hanger, Type DP 4 H-1 tapped 4-1/2" 8 round ST&C

Clay Basin U#3 Secle, 3N, 24E Dubly 15 June 38 dehydrator line heater emergency pct main soad



# QUESTAR PIPELINE COMPANY

79 SOUTH STATE STREET • P. O. BOX 11450 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2400 June 23, 1988 CERTIFIED MAIL

> RETURNED RECEIPT REQUESTED #P 879 571 459

Bureau of Land Management Utah State Office CFS Financial Center 324 S. State Street Salt Lake City, UT 84111-2303

Re: Name Change

Mountain Fuel Resources, Inc. to Questar Pipeline Company

Gentlemen:

Enclosed for your files and information is a certified copy of the Articles of Amendment to the Articles of Incorporation of Mountain Fuel Resources, Inc. dated March 7, 1988, indicating that Mountain Fuel Resources, Inc. changed its name to Questar Pipeline Company.

Questar Pipeline Company holds interests in the following Federal 0il

and Gas Leases in Utah: - U-9712-A - Questa CA well - RT of OR'S MM. Fuel Resources U-011246 FlAsquist pareling to Questar Energy of CO" SLC-045051 (A) SLC-045051(B)-SLC-045053(A) OR'S SLC-045053(B) SLC-062508-OR'S SLC-070555 ~ ○ R'S SLC-070555(A) ~○R'S

> ? Agreement No. 14-08-0001-16009 (Clay Basin Gas Storage Agreement)

Vern el Please note and adjust your records in accordance with the above and furnish verification of your receipt of this notice to the undersigned.

ncereľy

ø. B. Neese Senior Landman

JBN/sdg

Enclosure

3100 U-09712-A et al (U-942) (U-942)

### DECISION

Questar Pipeline Company P.O. Box 11450 : Oil and Gas Leases : U-09712-A et al

Salt Lake City, Utah 84147

•

# Corporate Name Change Recognized

Acceptable evidence has been received establishing that Mountain Fuel Resources, Inc. has changed their name to Questar Pipeline Company.

Accordingly, the surviving company, Questar Pipeline Company, is recognized as holding all interests in Federal oil and gas leases which were held by Mountain Fuel Resources, Inc. We are changing our records with respect to the attached listing of oil and gas leases. If there are any other leases that will be affected, please contact this office.

### /s/ M. Willis

ACTING Chief, Minerals
Adjudication Section

Enclosure List of Leases

cc: All District Offices, Utah

MMS, AFS MMS, BRASS

920, Teresa Thompson Clay Basin Unit File

CSeare:sl 3/9/89:1642f

RECEIVED

JAN 2 8 2004

# List of Leases

# Overriding Royalties

U-09712-A U-011246

# Operating Rights

SL-045051-A & B SL-045053-A & B SL-062508 SL-0709555 SL-070555-A SL-045049-AB

Clay Basin Gas Storage Agreement Agreement No. 14-08-0001-16009

### Division of Oil, Gas and Mining

# **OPERATOR CHANGE WORKSHEET**

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

# X Operator Name Change

Merger

The operator of the well(s) listed belo	ow has char	nged, ef	tective:		3	7/1988		_
FROM: (Old Operator):	TO: ( New Operator):							
N1070-Wexpro Company		r Pipeline Con	ากลทุง					
PO Box 45360					x 11450	ipully		
Salt Lake City, UT 84145-0360					ake City, UT 84	1147		
Phone: 1-(801) 534-5267					• •	*1-7/		
	No.			Phone: 1-(801	) 330-2019			
	. 140.			Unit:				
WELL(S)		<del></del>						
NAME	SEC	TWN	RNG	API NO	1	LEASE	WELL	WELL
COALWILL CAR STORAGES		-	<b> </b>		NO	TYPE	TYPE	STATUS
COALVILLE GAS STORAGE 8	10	020N		4304330192	99990		GS	Α
COALVILLE GAS STORAGE 9	10	020N		4304330193	99990		GS	Α
COALVILLE GAS STORAGE 10	10	020N		4304330244	99990		GS	Α
COALVILLE GAS STORAGE 12	09	020N		4304330249	99990	Fee	GS	Α
CLAY BASIN UNIT 5	20	030N	240E	4300915629	1025	Fee	GS	A
CLAY BASIN UNIT 3	16	030N	240E	4300915627	1025	State	GS	A
CLAY BASIN UNIT 27-S	16	030N	240E	4300930018	1025	State	GS	A
CLAY BASIN UNIT 52-S	16	030N	240E	4300930048	1025	State	GS	A
CLAY BASIN UNIT 53-S	16	030N	240E	4300930049	1025	State	GS	A
CLAY BASIN UNIT 59-S	16	030N	240E	4300930055	1025		GS	A
CLAY BASIN UNIT 35-S	17	030N	240E	4300930026	1025	Federal	GS	A
CLAY BASIN UNIT 40-S	20			4300930031		Federal	GS	A
CLAY BASIN UNIT 49-S	20			4300930045		Federal	GS	A
CLAY BASIN UNIT 2	21			4300915626		Federal	GS	A
CLAY BASIN 24-S	21	030N	240E	4300930015		Federal	GS	A
CLAY BASIN UNIT 25-S	21			4300930016		Federal	GS	A
CLAY BASIN UNIT 26-S	21			4300930017		Federal	GS	A
CLAY BASIN 30-S				4300930019		Federal	GS	A
CLAY BASIN UNIT 33-S	21			4300930024		Federal	GS	A

### **OPERATOR CHANGES DOCUMENTATION**

Ł	in	ter	dat	e at	iter	each	listed	litem	is	comp	leted
---	----	-----	-----	------	------	------	--------	-------	----	------	-------

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 1/13/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 1/13/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

1/14/2004

4. Is the new operator registered in the State of Utah:

YES Business Number:

649172-0142

5. If NO, the operator was contacted contacted on:

6. (	R649-9-2)Waste Management Plan has been received on:	IN PLACE	<u>*</u>
7.	Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian leases		yed the merger, name change, 3/9/1989
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for	or wells listed on:	n/a
9.	Federal and Indian Communization Agreements (' The BLM or BIA has approved the operator for all wells listed to	•	n/a
10	Underground Injection Control ("UIC" The Divisio for the enhanced/secondary recovery unit/project for the water dis		
DA	TA ENTRY:		
1.	Changes entered in the Oil and Gas Database on:	1/29/2004	_
2.	Changes have been entered on the Monthly Operator Change Sp	oread Sheet on:	1/29/2004
3.	Bond information entered in RBDMS on:	1/29/2004	_
4.	Fee wells attached to bond in RBDMS on:	1/29/2004	-
5.	Injection Projects to new operator in RBDMS on:	n/a	_
ST	ATE WELL(S) BOND VERIFICATION:		<del></del>
	State well(s) covered by Bond Number:	965003032	_
FE	DERAL WELL(S) BOND VERIFICATION:		
	Federal well(s) covered by Bond Number:	965002976	<u>-</u>
IN	DIAN WELL(S) BOND VERIFICATION:		
	Indian well(s) covered by Bond Number:	n/a	-
FE	E WELL(S) BOND VERIFICATION:		
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by	y Bond Number	965003033
2. 7	The FORMER operator has requested a release of liability from the	eir bond on:	N/A
	The Division sent response by letter on:	N/A	<del></del>
3. (	ASE INTEREST OWNER NOTIFICATION: R649-2-10) The FORMER operator of the fee wells has been cont of their responsibility to notify all interest owners of this change on	acted and informed: 1/29/2004	d by a letter from the Division
CO	MMENTS:		
_			

# **NEW ENTITY NUMBERS ASSIGNED FEBRUARY 2004**

ACCT	OPERATOR NAME	API NUM.	Sec	Twnshp	Rng	WELL NAME	ENTITY	EFF DATE	REASON
N7560	Questar Pipeline Co	4300915629	20	030N	240E	Clay Basin Unit 5	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915627	16	030N	240E	Clay Basin Unit 3	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930018	16	030N	240E	Clay Basin Unit 27-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930048	16	030N	240E	Clay Basin Unit 52-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930049	16	030N	240E	Clay Basin Unit 53-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930055	16	030N	240E	Clay Basin Unit 59-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930026	17	030N	240E	Clay Basin Unit 35-S	1025 to 14040	1	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930031	20	030N	240E	Clay Basin Unit 40-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930045	20	030N	240E	Clay Basin Unit 49-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915626	21	030N	240E	Clay Basin Unit 2	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930015	21	030N	240E	Clay Basin 24-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930016	21	030N	240E	Clay Basin Unit 25-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930017	21_	030N	240E	Clay Basin Unit 26-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930019	21_	030N	240E	Clay Basin 30-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930024	21	030N	240E	Clay Basin Unit 33-S	1025 to 14040		Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930030	21	030N	240E	Clay Basin Unit 39-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930044	21	030N	240E	Clay Basin Unit 48-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930046	21	030N	240E	Clay Basin Unit 50-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930047	21_	030N	240E	Clay Basin Unit 51-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930054	21_	030N	240E	Clay Basin Unit 58-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930056	21	030N	240E	Clay Basin Unit 60-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300915635	22	030N	240E	Clay Basin U 11 (RD Murphy	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930021	22	030N	240E	Clay Basin 28-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930023	22	030N	240E	Clay Basin Unit 32-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage
N7560	Questar Pipeline Co	4300930027	22	030N	240E	Clay Basin Unit 36-S	1025 to 14040	2/10/2004	Clay Basin Gas Storage

Note to file: These entity numbers were changed to compliment the operator correction from 3/7/98